Approved for use through 10/31/99. OMB 0651-003

Petent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are recurred to respond to a colection of information unless it displays a valid OMB control number

REQUEST FOR ACCESS OF ABANDONED APPLICATION UNDER 37 CFR 1.14(a)

In re Application of RECEIVED MAR 1 2 2001 File Information Unit Paper No. **Assistant Commissioner for Patents** Washington, DC 20231 I hereby request access under 37 CFR 1.14(a)(3)(iv) to the application file record of the aboveidentified ABANDONED application, which is: (CHECK ONE) (A) referred to in United States Patent Number 579 (B) referred to in an application that is open to public inspection as set forth in 37 CFR 1.11, i.e. _____, filed Application No. _ paper number _ (C) an application that claims the benefit of the filing case of an application that is open to public Inspection, i.e., Application No. _ (D) an application in which the applicant has filed an authorization to lay open the complete application to the public. Please direct any correspondence concerning this request to the following address: FOR PTO USE ON Typed or printed name Approved by: joitials)

Burden Hour Statement: This form is esumated to take 0.2 hours to complete. The will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. JO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:
Assistant Commissioner for Patents, Washington, DC 20231.

Unit:



United States Patent [19]

Kempf et al.

[11] Patent Number:

5,892,052

[45] Date of Patent:

Apr. 6, 1999

[54] PROCESS FOR MAKING RETROVIRAL PROTEASE INHIBITING COMPOUNDS

[75] Inventors: Dale J. Kempf, Libertyville; Daniel W.

Norbeck, Crystal Lake; Hing Leung Sham; Chen Zhao, both of Gurnee, all

of Ill

[73] Assignee: Abbott Labortories, Abbott Park, Ill.

[21] Appl. No.: 418,031

[22] Filed: Apr. 6, 1995

Related U.S. Application Data

[60] Division of Ser. No. 158,587, Dec. 2, 1993, abandoned, which is a continuation-in-part of Ser. No. 998,114, Dec. 29, 1992, abandoned, which is a continuation-in-part of Ser. No. 777,626, Oct. 23, 1991, abandoned, which is a continuation-in-part of Ser. No. 746,020, Aug. 15, 1991, abandoned, which is a continuation-in-part of Ser. No. 616,170, Nov. 20, 1990, abandoned, which is a continuation-in-part of Ser. No. 518,730, May 9, 1990, Pat. No. 5,142,056, which is a continuation-in-part of Ser. No. 456,124, Dec. 22, 1989, abandoned, which is a continuation-in-part of Ser. No. 405,604, Sep. 8, 1989, abandoned, which is a continuation-in-part of Ser. No. 355,945, May 23, 1989, abandoned.

		_		
[51]	Int.	Cl.°	 C07D	277/3

[52] **U.S. Cl.** **548/204**; 548/214; 548/236; 548/247

[56] References Cited

U.S. PATENT DOCUMENTS

5,142,056 8/1992 Kempf 546/265

5,354,866 10/1994 Kempf 546/265

FOREIGN PATENT DOCUMENTS

393445	10/1990	European Pat. Off
428849	5/1991	European Pat. Off
441192	8/1991	European Pat. Off
486948	5/1992	European Pat. Off
3829594	3/1990	Germany .
4003575	8/1992	Germany .
WO88/02374	4/1988	WIPO .
WO90/09191	8/1990	WIPO.
WO92/00948	8/1990	WIPO .
WO91/18866	12/1991	WIPO.
WO92/06996	4/1992	WIPO.
WO92/20665	11/1992	WIPO .
WO03/01174	1/1003	WIPO

Primary Examiner—Jane Fan
Attorney, Agent, or Firm—Steven R. Crowley

57] ABSTRACT

A retroviral protease inhibiting compound of the formula:

$$R_1 \xrightarrow{R_2} O \xrightarrow{R_3} \xrightarrow{H} X \xrightarrow{R_{4a}} O \xrightarrow{R_6} R_7$$

is disclosed.

3 Claims, No Drawings